

06-25-05

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ATTORNEY DOCKET NO.

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PATENT APPLICATION

074263.0208

10/766,494



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Shilin Chen  
Serial No.: 10/766,494  
Filing Date: January 28, 2004  
Group Art Unit: 2128  
Examiner: Hugh M. Jones  
Title: **ROLLER-CONE BITS, SYSTEMS, DRILLING  
METHODS, AND DESIGN METHODS WITH  
OPTIMIZATION OF TOOTH ORIENTATION**

**Mail Stop AMENDMENT**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**EXPRESS MAIL CERTIFICATE**

**NO.: EV 322271697 US**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Name:

Willie Jiles  
Willie Jiles

Date:

6.13.05

SNL69T222EVA3

**INFORMATION DISCLOSURE STATEMENT**

Applicant respectfully submits this Information Disclosure Statement and attached PTO Form 1449 and requests, pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, that the references listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified application. Copies of these references are also enclosed for the convenience of the Examiner. Furthermore, pursuant to 37 C.F.R. §§1.97(g) and (h), no representation is made that these references are material to the patentability of the present application.

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This Information Disclosure Statement is submitted before an Office Action on the merits, and therefore, pursuant to 37 C.F.R. § 1.97(b), no fee is believed due. However, if a fee is due, the Commissioner is hereby authorized to charge any additional fees or credit any overpayments to Deposit Account No. 50-2148 of Baker Botts L.L.P. in order to effectuate this filing.

Respectfully submitted,

BAKER BOTTS L.L.P.  
Attorneys for Applicant



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Date: 6/13/05

CORRESPONDENCE ADDRESS:

Customer Number: **31625**  
Attorney Docket Number: 074263.0208

PTO-1449  <b>Information Disclosure Citation</b> <b>in an Application</b>	Application No.	Applicant(s)	
	10/766,494	Shilin Chen	
	Docket Number	Group Art Unit	Filing Date
	074263.0208	2128	January 28, 2004

## U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	2038386	4/21/36	F.L. Scott et al.	255	71	3/9/35
B.	4455040	6/19/84	Shinn	285	142	8/3/81
C.	4738322	4/19/88	Hall et al.	175	329	5/19/86
D.	5351770	10/4/94	Cawthorne et al.	175	374	6/15/93
E.	5513711	05/07/96	Williams	175	57	08/31/94
F.	5579856	12/3/96	Bird	175	375	06/05/95
G.	5595255	01/21/97	Huffstutler	175	331	08/08/94
H.	5636700	06/10/97	Shamburger, Jr.	175	331	01/03/95
I.	5697994	12/16/97	Packer et al.	51	309	5/15/95
J.	5967245	10/19/99	Garcia et al.	175	374	6/20/97
K.	6308790	10/30/01	Mensa-Wilmot et al.	175	73	12/22/99
L.	6607047	8/19/03	Swadi et al.	175	374	4/1/99
M.	6619411	9/16/03	Singh et al.	175	57	1/31/01
N.	6729420	5/4/04	Mensa-Wilmot	175	385	3/25/02
O.	2004/0254664	12/16/04	Centala et al.	700	97	3/25/04
P.	2005/0015230	1/20/05	Centala et al.	703	10	7/13/04

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
Q.	2305195 A	4/2/97	GB	E21B	10/08	X	
R.	2363409 A	6/4/01	GB	E21B	10/16	X	
S.	2365899 A	2/27/02	GB	E21B	10/16	X	

## NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
T.	Drawing No. A46079 Rock Bit and Hole Opener; Security Engineering Co., Inc., Whittier, California	09/14/46
U.	"Machino Export", Russia, 4 pages	1974
V.	R.K. Dropek, "A Study to Determine Roller Cone Cutter Offset Effects at Various Drilling Depths" American Society of Mechanical Engineers. 10 pages.	8/1/79
W.	U.S. Patent Application Serial No. 10/325,650 filed December 19, 2002 by John G. Dennis, entitled Drilling with Mixed Tooth Types.	Filed 12/19/02
X.	British Search Report for GB Patent Application No. 0504304.7, 4 pgs	4/22/2005

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. PATENT AND TRADEMARK OFFICE